

The Abstract is amended as follows:

## ABSTRACT

~~In a leakage testing apparatus in which a~~ A seal ring having rounded-corner rectangular shape in cross-section is mounted in a ~~ring-shaped~~ recessed groove formed in-ring configuration in a pressure-contact surface of a seal jig; such that major axis of the seal ring is oriented perpendicular to the pressure-contact surface and the seal ring is projected out the pressure-contact surface by about 15-35% of length of the major axis to be compressively deformable in the direction of the major axis, and stoppers formed of low thermal conductivity resin are disposed on the pressure-contact surface, the peripheral portion of the opening of an article being tested is brought into pressure-contact with the seal ring in a manner such that the stoppers are interposed therebetween and that the compressively deformed seal ring provides an adequate sealing effect to seal the opening, and in this sealed state, air pressure is applied to the article being tested to determine the presence or absence of leakage by measuring whether or not the air pressure is maintained for a predetermined period of time, the seal ring has a rounded-corner rectangular shape in cross-section and is configured to be mounted in the pressure contact surface of the seal jig such that its major axis is oriented in the direction of the compressive force being applied and to be compressively deformed in the direction of the major axis to provide a sealing effect, and stoppers formed of a low thermal conductivity resin are disposed on the pressure contact surface so that the seal ring may be compressively deformed until the article being tested comes into abutment with the stoppers to thereby an adequate sealing effect, whereby testing may be conducted without bringing the article being tested into contact with the seal jig.